

*fish*  
2176

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLN. OF: SLAUNWHITE et al.  
SERIAL NO.: 10/039,485  
FILED: November 9, 2001  
FOR: Shortcut Key Manager and Method for Managing Shortcut...  
GROUP: 2176  
DOCKET: GSH 08-892799

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In connection with the above-entitled matter, Applicants hereby attach U.S. Patent Office form PTO-1449, including copies of the references listed therein. These references were cited in the Canadian Office Action dated April 30, 2004 of the underlying Canadian patent application. Enclosed is a copy of the Canadian Office Action. The claims in the present application are believed to be patentably distinguished over these references.

This Supplemental Information Disclosure statement is being made pursuant to the duty of disclosure imposed by law and formulated in 37 CFR 1.56(A). No representation is made that the information thus disclosed in fact constitutes prior art or that it is the closest prior art, inasmuch as 37 CFR 1.56(A) relies on a materiality concept which depends on subjectivity.

In compliance with the requirements of 37 C.F.R. § 1.98(a)(3), as a concise statement of relevance, as it is presently understood by the individual designated in 35 U.S.C. § 1.56(c) most

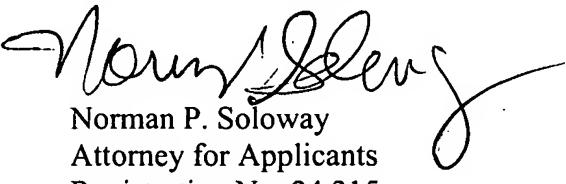
HAYES SOLOWAY P.C.  
130 W. CUSHING STREET  
TUCSON, AZ 85701  
TEL. 520.882.7623  
FAX. 520.882.7643

175 CANAL STREET  
MANCHESTER, NH 03101  
TEL. 603.668.1400  
FAX. 603.668.8567

knowledgeable about the content of the information, the undersigned attorney of record submits a copy of an official action by a foreign examiner in which the references were cited. The relevance to the pending U.S. patent application is that the references were cited in a foreign patent application on the same subject matter. However, no independent analysis of the references, the accuracy of the statement of foreign examiner or the claims of the foreign application under the laws of the country or the United States relative to the subject matter claimed in the present application has been made; the present understanding of the contents thereof by the undersigned being based on the foreign examiner's comments submitted therewith.

The enclosed Supplemental Information Disclosure Statement is being submitted within three months of the Canadian Office Action, as certified in the attached Certification for Information Disclosure Statement, and before the first action on the merits. Therefore, we believe there are no fees involved with this Supplemental Information Disclosure Statement. In the event there are additional fees payable, please charge them to our Deposit Account No. 08-1391.

Respectfully submitted,

  
Norman P. Soloway  
Attorney for Applicants  
Registration No. 24,315

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 15, 2004 at Tucson, Arizona.

By: 

HAYES SOLOWAY P.C.  
130 W. CUSHING STREET  
TUCSON, AZ 85701  
TEL. 520.882.7623  
FAX. 520.882.7643

175 CANAL STREET  
MANCHESTER, NH 03101  
TEL. 603.668.1400  
FAX. 603.668.8567

STATEMENT UNDER 37 CFR 1.97(e) ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT

Docket No.  
GSH 08-892799

In Re Application Of: **SLAUNWHITE et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/039,485	November 9, 2001		27667	2176	1157

Invention: **Shortcut Key Manager and Method for Managing Shortcut Key Assignment**



COMMISSIONER FOR PATENTS:

This is a statement under the provisions of 37 CFR 1.97(e) in the above-identified application.

Check applicable statement herebelow:

Statement Under 37 CFR 1.97(e)(1)

Each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

Statement Under 37 CFR 1.97(e)(2)

No item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.



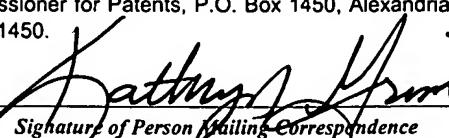
Signature

Norman P. Soloway  
Registration No. 24,315  
HAYES SOLOWAY P.C.  
130 W. Cusing Street  
Tucson, AZ 85701

Dated: *June 15, 2004*

Certificate of Mailing by First Class Mail

I certify that this document is being deposited on *June 15, 2004* with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

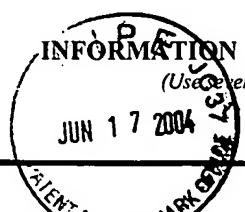


Signature of Person Mailing Correspondence

Kathryn Grimes

Typed or Printed Name of Person Mailing Correspondence

cc:



**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

JUN 17 2004

Docket Number (Optional)  
**GSH 08-892799**

Application Number  
**10/039,485**

Applicant(s)  
**SLAUNWHITE et al.**

Filing Date  
**November 9, 2001**

Group Art Unit  
**2176**

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	EP 1107544	3.13.01	EUROPE	H04M	1/247		

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

Person et al., Using Word for Windows 95, Indianapolis, IN: Que Corporation, 1995

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Office de la propriété  
intellectuelle  
du Canada

Un organisme  
d'Industrie Canada  
www.opic.gc.ca

Canadian  
Intellectual Property  
Office

An Agency of  
Industry Canada  
www.cipo.gc.ca

Corel (O)

1.w.

April 30, 2004

**GOWLING LAFLEUR HENDERSON LLP**

2600 - 160 Elgin Street  
OTTAWA Ontario  
K1P 1C3

**Application No.** : 2,361,455  
**Owner** : COREL CORPORATION  
**Title** : **SHORTCUT KEY MANAGER AND METHOD FOR MANAGING  
SHORTCUT KEY ASSIGNMENT**  
**Classification** : G06F-17/00  
**Your File No.** : 08892799CA  
**Examiner** : Jamie Hayami

**YOU ARE HEREBY NOTIFIED OF:**

- A REQUISITION BY THE EXAMINER IN ACCORDANCE WITH SUBSECTION 30(2) OF THE *PATENT RULES*;
- A REQUISITION BY THE EXAMINER IN ACCORDANCE WITH SECTION 29 OF THE *PATENT RULES*.

IN ORDER TO AVOID MULTIPLE ABANDONMENTS UNDER PARAGRAPH 73(1)(A) OF THE *PATENT ACT*, A WRITTEN REPLY TO EACH REQUISITION MUST BE RECEIVED WITHIN **6** MONTHS AFTER THE ABOVE DATE.

This application has been examined as originally filed.

The number of claims in this application is 22.

The examiner has identified the following defects in the application:

**Non Statutory Subject Matter**

Claims 19-20 are directed to non-statutory subject matter, and are outside the definition of invention in Section 2 of the Patent Act. Electronic signals for use in the execution in a computer is not considered patentable subject matter. The electronic signals are simply the result of a user depressing keys on a keyboard. Therefore, there is no patentable subject matter contained within claims 19 and 20.

**References Applied**

A search of the prior art has revealed the following:

European Patent Office Application

EP 1 107 544

June 13, 2001

H04M 1/247

Jeoung

Publication

Person et al. Using Word for Windows 95. Indianapolis, IN: Que Corporation, 1995.  
ISBN: 0-7897-0084-0

Jeoung discloses a method of defining the hot keys used to immediately initiate desired functions by the user in a communication terminal, comprises the steps of displaying a plurality of main menu items in the hot key defining mode, displaying a plurality of sub-menu items corresponding to a particular main menu item selected by the user, selecting at least one of the sub-menu items by the user, displaying the keys used for the hot keys, and selecting one of the keys as a hot key assigned to the at least one sub-menu.

Person et al. disclose using shortcut keys to enable a user to perform routine operations quickly without moving from the keyboard to the mouse. In Windows 95, shortcut keys may be assigned to frequently used menu options such as Word's predefined commands, user specific macros, styles, fonts, and AutoText just to name a few.

**Obviousness**

Claims 1-22 do not comply with Subsection 28(3) of the *Patent Act*. The subject matter of these claims would have been obvious on the claim date to a person skilled in the art or science to which they pertain having regard to Jeoung in view of Person et al.

Jeoung discloses a shortcut key manager for managing shortcut key assignments; (see column 1, lines 4-7). The short cut key manager includes an item receiver for receiving an item identification of a sub-menu item (or "non-command user interface item type"); (see column 3, lines 7-20). A key receiver receives a key identification that identifies a shortcut key from the user; (see column 3, lines 21-35). Then an assignment handler assigns the short cut key selected by the user to the sub-menu item (see column 3, lines 36-44). The user may assign specific shortcut keys to multiple functions. Therefore, if a user uses a specific short cut key linked to several functions, a shortcut key handler presents an instance of the shortcut keys to the user in a menu format; (see column 3, line 45 - column 4, line 6). There is no difference between claim 1 and Jeoung.

As well, in Person et al., a shortcut key manager for managing shortcut key assignments is disclosed; (see *Formatting Paragraphs with Shortcut Keys* - pages 293-294; and *Assigning Commands and Macros to Shortcut Keys* - pages 1049-1051). The shortcut key manager includes a keyboard feature (or "item receiver") that allows a user to identify a non-command user-interface item type, such as a font; (see page 1050). Also included is a Shortcut Key feature (or "key receiver") which receives a key identification from a user that identifies a shortcut key that they would like to use for the non-command item type; (see page 1050). An assignment handler assigns the short cut key selected by the user to the non-command user interface item type; (see page 1051). When the user wants to call up a desired non-command user-interface item type, they may then press the assigned shortcut key and the desired function will execute.

The only difference between Person et al. and claim 1 is that when a user uses the desired short cut key, the non-command user interface item is automatically executed instead of an instance of the non-command user interface item being presented to a user. However, presenting an instance of a non-command user interface item to a user is obvious in view of the art of short cut key managing. When using Corel WordPerfect or Microsoft Word, users are able to customize toolbars to contain all of the non-command user interface item types that they wish to have displayed. So, it is pointless to have an instance of a zoom feature displayed by depressing a short cut key when most of the time that feature is always present on the toolbar. It is obvious that if you are able to open up a new document by depressing short cut keys, that it would also be possible to open an instance of the zoom feature by depressing short cut keys. This feature is merely one of several straightforward possibilities from which the skilled person would select, in accordance with circumstances, without the exercise of inventive skill, in order to solve the problem posed.

The additional features of claims 2-8 do not contain any inventive features, that if combined with claim 1 would overcome these obviousness objections. As well, claims 9-22 contain the same features as found in claims 1-8 and hence similar obviousness objections also apply to these claims.

Therefore, claims 1-22 are obvious and do not comply with Subsection 28(3) of the Patent Act.

### **Indefiniteness**

Claims 2 and 3 are indefinite and do not comply with Subsection 27(4) of the Patent Act. From the description on page 8, lines 12-17 and page 9, lines 13-16, it appears that the "user control focus" and the "keyboard focus" are both describing the exact same feature. This makes claims 2 and 3 very confusing to read as having the feature of a "keyboard focus" in claim 3 dependent upon the exact same feature of a "user control focus" in claim 2 is redundant. The terminology for this feature should be consistent throughout the description and the claims. If these features are different, it should be clearly stated within the description what differentiates these two features from one another. A similar objection also applies to claims 11 and 12.

Claim 8 does not comply with Subsection 27(4) of the Patent Act. Claims containing a negative expression such as "the non-command item is not visual when it is not selected" are objectionable in that claims should generally set forth what the invention is or does, and not what it is not or does not do.

Therefore claims 2, 3, 8, 11, and 12 are indefinite and do not comply with Subsection 27(4) of the Patent Act.

### **Drawings**

Figures 4-7 are either illegible, of poor quality, or unsuitable for reproduction. The applicant is requisitioned to submit replacement pages compliant with Subsection 68(1) of the Patent Rules.

In view of the foregoing defects, the applicant is requisitioned, under Subsection 30(2) of the Patent Rules, to amend the application in order to comply with the Patent Act and the Patent Rules or to provide arguments as to why the application does comply.

#### Prior Art Request

Under Section 29 of the *Patent Rules*, applicant is requisitioned to provide an identification of any prior art cited in respect of the United States application describing the same invention on behalf of the applicant, or on behalf of any other person claiming under an inventor named in the present application, and the patent number, if granted. Amendment to avoid references cited abroad may expedite the prosecution. In accordance with Subsection 29(3) of the *Patent Rules*, if the particulars are not available to the applicant, the reason why must be stated.

The above requisitioned information must be provided regardless of the current status of the foreign application.

Jamie Hayami  
Patent Examiner  
(819) 934-2670  
2361455AJh